

**DRAFT**

<b>Parameter</b>	<b>Value</b>	<b>Comments</b>
Upstream Concentration (mg/L)	0.0073	Lake Pend Oreille Euphotic Zone Target from MT/ID Border Nutrient Load Agreement
Criterion (mg/L)	0.01	Aggregate Ecoregional
Upstream River Flow (CFS)	10259	10th Percentile 365-Day Harmonic Mean
Upstream River Flow (mgd)	6631	
Effluent Flow (mgd)	3.62	Design (5 mgd)
Effluent Flow (CFS)	5.600864	Design
Mixing Zone	25.0%	
Dilution Factor	458.9	
<b>Limits</b>		
WLA (mg/L)	1.246	
<b>WLA (lb/day)</b>	<b>52.0</b>	
# of Samples per Month	8	
# of Samples per Week	2	
CV	0.354	
sigma n^2 (monthly)	0.0155	
sigma n (monthly)	0.1247	
sigma n^2 (weekly)	0.0608	
sigma n (weekly)	0.2465	
Probability Basis	0.99	
z	2.326	
AML:WLA Multiplier	1.326	
AWL:WLA Multiplier	1.721	
Average Monthly Limit (mg/L)	1.65	
<b>Average Monthly Limit (lb/day)</b>	<b>69</b>	Limits must be expressed in terms of mass (40 CFR 122.45(f)).
Average Weekly Limit (mg/L)	2.15	
<b>Average Weekly Limit (lb/day)</b>	<b>89</b>	

Parameter	Value	DRAFT
		Comments
Upstream Concentration (mg/L)	0.0073	Lake Pend Oreille Euphotic Zone Target from MT/ID Border Nutrient Load Agreement
Criterion (mg/L)	0.01	Aggregate Ecoregional
Upstream River Flow (CFS)	10259	10th Percentile 365-Day Harmonic Mean
Upstream River Flow (mgd)	6631	
Effluent Flow (mgd)	3.62	Design
Effluent Flow (CFS)	5.600864	Design
<b>Mixing Zone</b>	<b>50.0%</b>	
Dilution Factor	916.9	
<b>Limits</b>		
WLA (mg/L)	2.483	
<b>WLA (lb/day)</b>	<b>103.5</b>	
# of Samples per Month	8	
# of Samples per Week	2	
CV	0.354	
sigma n^2 (monthly)	0.0155	
sigma n (monthly)	0.1247	
sigma n^2 (weekly)	0.0608	
sigma n (weekly)	0.2465	
Probability Basis	0.99	
z	2.326	
AML:WLA Multiplier	1.326	
AWL:WLA Multiplier	1.721	
Average Monthly Limit (mg/L)	3.29	
<b>Average Monthly Limit (lb/day)</b>	<b>137</b>	Limits must be expressed in terms of mass (40 CFR 122.45(f)).
Average Weekly Limit (mg/L)	4.27	
<b>Average Weekly Limit (lb/day)</b>	<b>178</b>	

Parameter	Value	DRAFT
		Comments
Upstream Concentration (mg/L)	0.0073	Lake Pend Oreille Euphotic Zone Target from MT/ID Border Nutrient Load Agreement
Criterion (mg/L)	0.01	Aggregate Ecoregional
Upstream River Flow (CFS)	10259	10th Percentile 365-Day Harmonic Mean
Upstream River Flow (mgd)	6631	
Effluent Flow (mgd)	3.62	Design
Effluent Flow (CFS)	5.600864	Design
<b>Mixing Zone</b>	<b>31.5%</b>	
Dilution Factor	577.3	
<b>Limits</b>		
WLA (mg/L)	1.566	
<b>WLA (lb/day)</b>	<b>65.3</b>	
# of Samples per Month	8	
# of Samples per Week	2	
CV	0.354	
sigma n^2 (monthly)	0.0155	
sigma n (monthly)	0.1247	
sigma n^2 (weekly)	0.0608	
sigma n (weekly)	0.2465	
Probability Basis	0.99	
z	2.326	
AML:WLA Multiplier	1.326	
AWL:WLA Multiplier	1.721	
Average Monthly Limit (mg/L)	2.08	
<b>Average Monthly Limit (lb/day)</b>	<b>87</b>	Limits must be expressed in terms of mass (40 CFR 122.45(f)).
Average Weekly Limit (mg/L)	2.70	
<b>Average Weekly Limit (lb/day)</b>	<b>112</b>	